

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 September 2005 (09.09.2005)

PCT

(10) International Publication Number
WO 2005/083210 A1

(51) International Patent Classification⁷: E05B 47/00,
G07C 1/10, 9/00, G07F 17/14

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(21) International Application Number:
PCT/AU2005/000255

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 28 February 2005 (28.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2004901016 27 February 2004 (27.02.2004) AU

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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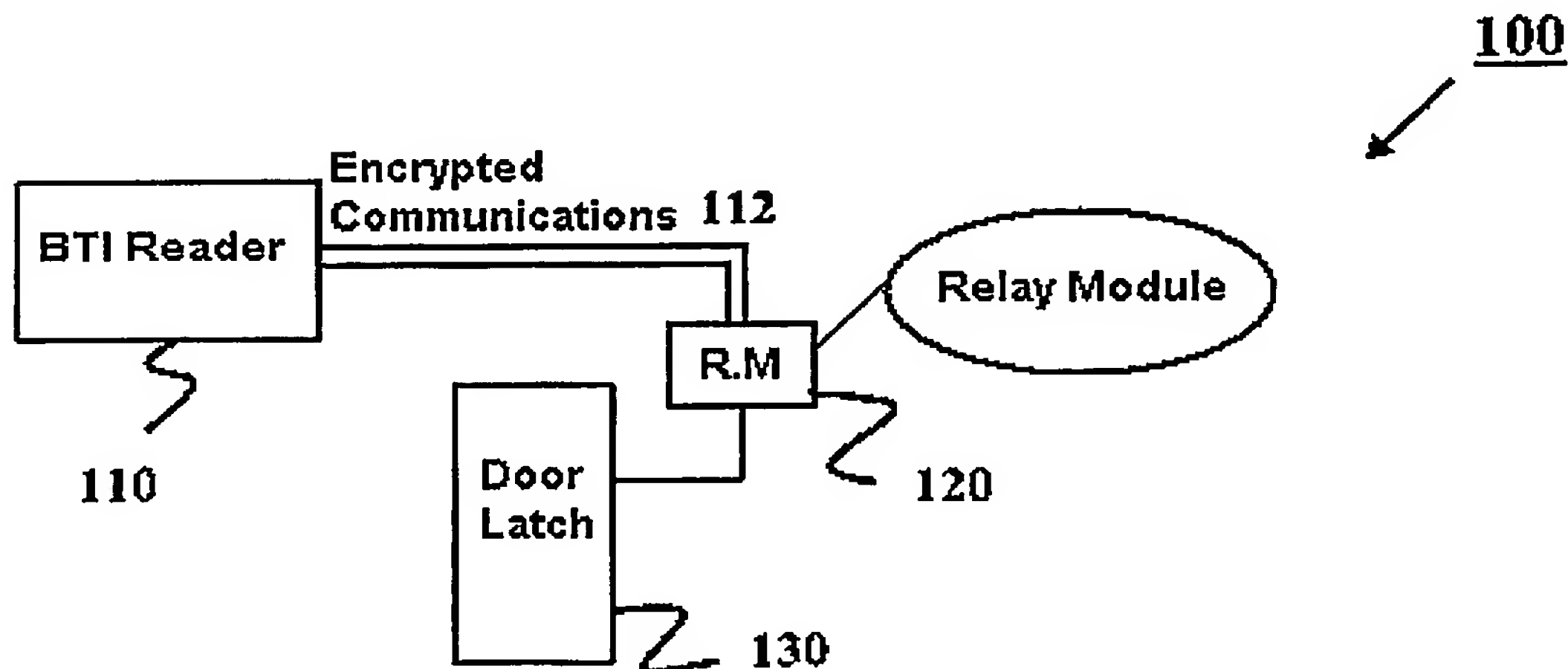
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Published:

— with international search report

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(54) Title: AN ACCESS CONTROL SYSTEM



(57) Abstract: A method of switching a door latch (130, 230, 330, 430) in a secure area, a relay module (120, 220, 320), and an access control system are disclosed. Encrypted communications from a reader (110, 210, 310, 420) in an unsecured area are decrypted, and the decrypted communications are compared to an expected code. A micro-controller (442) may implement the decrypting and comparing steps. Power is switched to actuate the door latch (130, 230, 330, 430) if the comparison of the decrypted communications and the expected code indicates a correct match. A relay (444) coupled to the micro-controller (442) may implement the switching step. The relay module (120, 220, 320) and the door latch (130, 230, 330, 430) may be a single module. The method may further comprise the step of receiving the encrypted communications from the reader (110, 210, 310, 420). At least one buffer (440) coupled to the micro-controller (442) may implement the receiving step.



— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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